

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1594 West North Temple Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
Telephone: (801) 538-5291  
Fax: (801) 359-3940

ANNUAL REPORT OF MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, as amended, and the General Rules as promulgated under the Utah Minerals Regulatory Program. An operator conducting mining operations under a Notice of Intention must file an annual operations and progress report (FORM MR-AR) with the Division.

I. General Information

1. Report Time Period: From (mo./yr.) 1/97 To (mo./yr.) 12/97
2. DOGM File Number (Mine No): M/ 037 / 084
3. Mine Name: Papoose Limestone Mine
4. Mineral(s) Mined (or permitted to mine): Building Stone/Limestone
5. Type of mine ☒ Surface Mine or ☐ Underground Mine
6. Legal Description (Location of Lands Affected):  
NW 1/4, NW 1/4, NW 1/4, Section 36, Township 29 1/2 S, Range 24E  
SW 1/4, NW 1/4, NW 1/4, Section 36, Township 29 1/2 S, Range 24E  
NE 1/4, NW 1/4, NW 1/4, Section 36, Township 29 1/2 S, Range 24E
7. Name of Operator or Company: Cotter Corporation
8. Permanent Street Address: P.O. Box 700, 28151 DD Road  
City, State, Zip: Nucla, CO 81424  
Phone: 970-864-7347
9. Company Representative (or designated operator):  
Name: Glen Williams  
Title: Manager, Western Slope Operations  
Business Address: P.O. Box 700  
City, State, Zip: Nucla, CO 81424  
Phone: 970-864-7347  
☐ Please check if any of the above information has changed since previous year.

II. Mining and Reclamation

1. Was the mine active during the past year? Yes ☒ No ☐
2. If active, how much ore or mineral was mined? 44,597 tons
3. If inactive, what year was the mine last active? N/A



3. How much **additional acreage** was disturbed during the past year? 2.04
4. Briefly describe any new or additional surface disturbances that occurred during the past year. This description should include the type of work performed, and volume of material moved.  
The methods employed have not changed. The stripping and pit advancement continues in a southeasterly direction. Pit depth has increased slightly to about 15 feet. Approximately 4000 cu. yds. of topsoil has been stockpiled and about 34,000 cu. yds. of rock blasted and processed.
5. How much acreage was **reclaimed** during the past year? 0
6. Briefly describe the reclamation work performed during the past year. This description should include methods employed, and an evaluation of the results.  
Some of the reject material has been piled against the northeast highwall in preparation for initial reclamation procedures.
7. What is the **total disturbed acreage** at years end? 11.47
8. Briefly summarize any mining and/or reclamation plans for the upcoming year.  
Stripping of trees and topsoil across an additional one acre (approximate) with advancement of pit in southeasterly direction. Reject material will continue to be piled against the highwall in exhausted portions of the northeast side.


**NOTE:** Section III., "Additional Information" applies only to **large mining operations**.

### III. Additional Information

1. An updated surface facilities map should be attached if there have been significant changes since the previous map was submitted. Attached
2. Any monitoring results or other reports that are required under the terms of the approved notice of intention should also be attached. See attachment A

### IV. Signature Requirement

**I hereby certify that the foregoing is true and correct.**

Name (Typed or Print):	<u>Glen Williams</u>
Title of Operator:	<u>Manager, Western Slope Operations</u>
Signature of Operator:	<u></u>
Date:	<u>Jan 19, 1998</u>

576,000 N

JUAN COUNTY ROAD 370

6" Culvert

24" Culvert

Access Road

BN

Burned/Lined Fuel Area

Fines Pile

BNV 87-5  
6660

Check Dam

Silt Fence

Topsail

Topsail

presently disturbed area (11.47 acres)

Present Stockpile Area

Water Tank

Topsail

Pit

Burn

Cleared of Vegetation

574,000 N

Permit Area (8.53 acres remaining)

BNV 87-3  
6635

BNV 87-5  
6731

BNV 87-4  
6793

572,000 N

TRUE GRID  
MAGNETIC

SCALE 1"=500'

UTAH STATE PLANE COORDINATES

COTTER CORPORATION

BOX 700 NUCLA, COLORADO 81424

PAPPOOSE LIMESTONE MINE

UTAH STATE LEASE ML-45609  
SEC 36 T29 1/2S R24E SAN JUAN COUNTY

LEGEND

EXISTING ROADS  
NEW ROADS  
PERMITTED AREA  
PROPERTY LINE  
40 FOOT CONTOUR INTERVAL

DATE: Jan. 2, 1998

Drawn by  
Dick White  
Revised by  
Jon Showalter

BNV 87-1  
6931

T 29 1/2 S

T 30 S

2,647,000 E

2,651,000 E

LISBON VALLEY

SAN JUAN COUNTY R.

## Attachment A

### III Additional Information

1. See Papoose Limestone Mine 1" = 500' map attached.
2. As in the past, during blasting operations a security perimeter is established. Also, especially in spring, employees continue to observe the surrounding area for the presence of raptors. No nesting sites have been discovered to date. Fences and dead tree windrows have continued to be established to prevent livestock from having access to the pit.

Maintenance of the check dam and silt fence is ongoing as is lengthening of the berm on the down gradient side of the disturbed area as the pit advances.

JS/tlt  
lsaratt.js

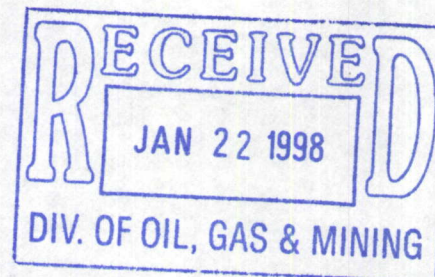




CO'TTER CORPORATION  
Western Slope Operations  
Nucla, CO 81424-0700

*m/037/084*  
28151 DD Road  
P.O. Box 700  
Phone (970) 864-7347  
Fax (970) 864-7287

January 20, 1998



D. Wayne Hedberg  
Permit Supervisor  
Utah Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Re: M/037/084, Annual Report of Mining Operations

Dear Mr. Hedberg:

In accordance with the Mined Land Reclamation Act and the General Rules of the Utah Minerals Regulatory Program; please find Cotter Corporation's 1997 Annual Report of Mining Operations for the Papoose Mine.

If you have any questions, please call me at 970-864-7347.

Sincerely,  
COTTER CORPORATION

Dave Diss  
Environmental Tech. II

DD/tlt  
limudnr3.dd